

### **ABSTRACT OF THE DISCLOSURE**

Various embodiments of a medical device having a deflecting shaft and related methods of manufacture and use are disclosed. For example, the device may include a proximal handle, a distal assembly for performing a medical procedure, and a wire coil connecting the proximal handle to the distal assembly, wherein actuation of the proximal handle may cause the distal assembly to perform the medical procedure. The wire coil may have a proximal portion comprised of a first wire and a distal portion comprised of a second wire. The second wire may have a diameter less than a diameter of the first wire so that the distal portion of the wire coil may have a flexibility greater than a flexibility of the proximal portion.

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